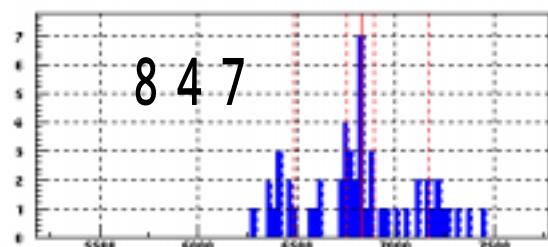
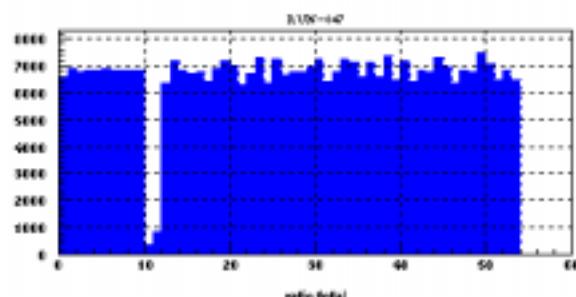
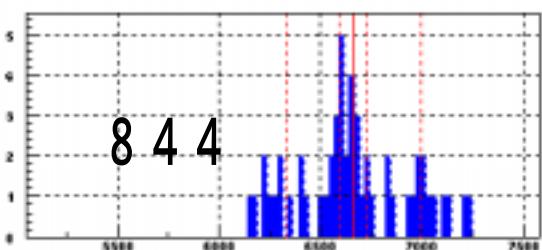
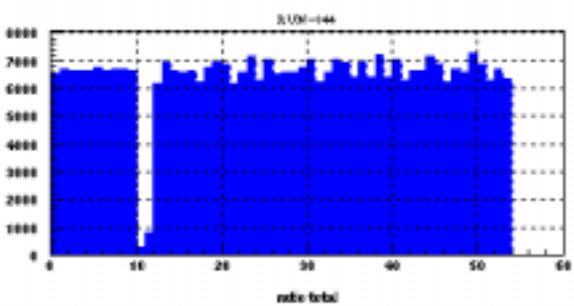
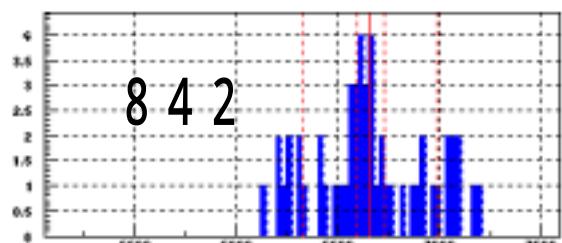
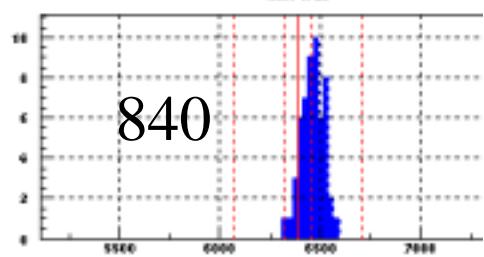
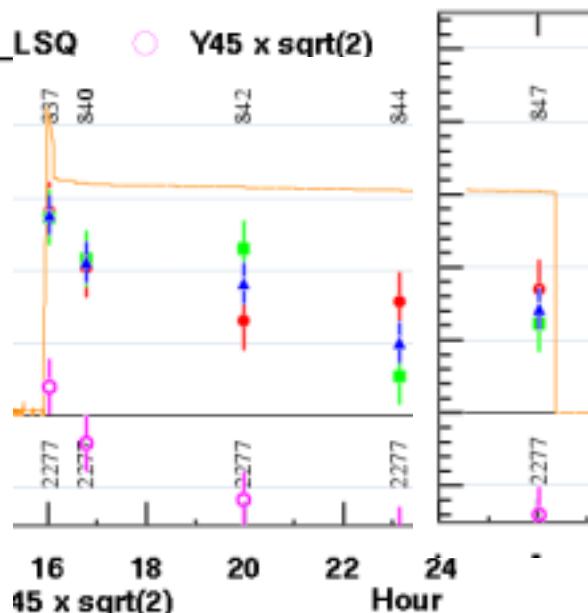
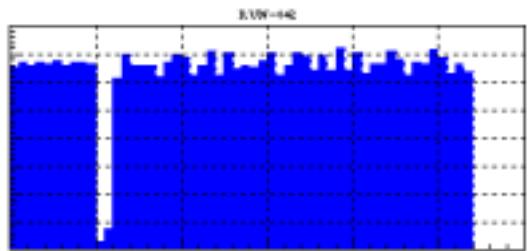
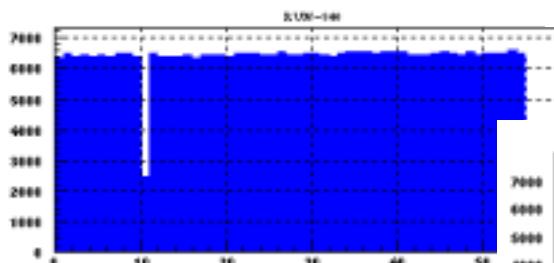
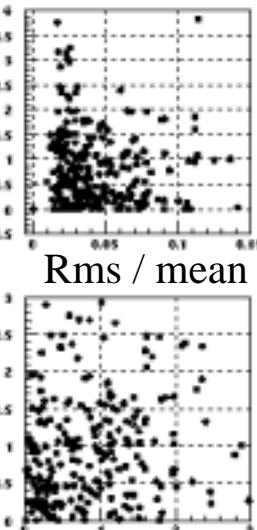


● X90 ■ X45 x sqrt(2) ▲ X_LSQ ○ Y45 x sqrt(2)

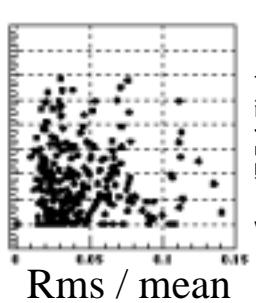


$\text{abs}(Y45)/\sigma_{\text{stat}}$



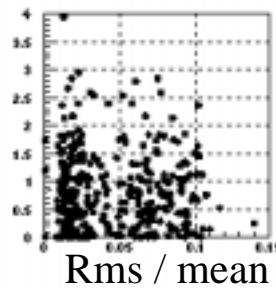
BLUE

$\text{abs}(X90-X45)/\sigma_{\text{stat}}$

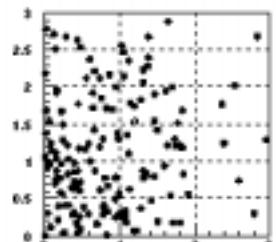


$\text{abs}(X45)/\sigma_{\text{stat}}$

$\text{abs}(X90-X45)/\sigma_{\text{stat}}$



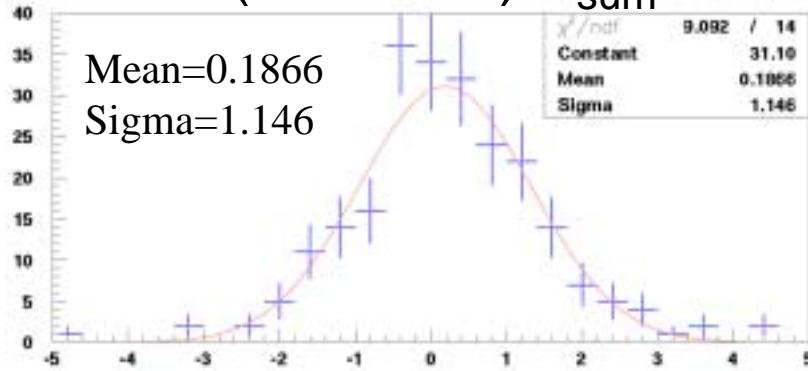
YELLOW



$\text{abs}(Y45)/\sigma_{\text{stat}}$

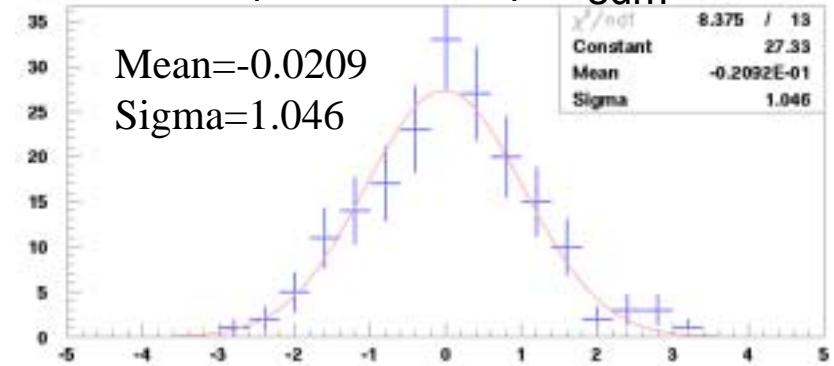
Significance of the X90,X45 separation

$(X90-X45)/\sigma_{sum}$



BLUE

$(X90-X45)/\sigma_{sum}$



YELLOW

$$\sigma_{sum} = \sqrt{\sigma_{X90stat}^2 + \sigma_{X45stat}^2}$$

Used data set 1/1-1/24